

# SAFETY DATA SHEET

**ULTRADENT<sup>®</sup>**  
PRODUCTS, INC.

Date Issued : 01/05/2007  
MSDS No : 89-001.5  
Date-Revised : 07/19/2012  
Revision No : 5

## Opalescence<sup>®</sup> Quick PF 45%

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME:** Opalescence<sup>®</sup> Quick PF 45%  
**PRODUCT DESCRIPTION:** 45% Carbamide Peroxide Gel  
**PRODUCT CODE/ PART #:** XL/15073

**MANUFACTURER**

Ultradent Products, Inc.  
505 W. 10200 S.  
South Jordan, UT 84095

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**CHEMTREC (NORTH AMERICA) :**(800) 424 - 9300  
**(INTERNATIONAL) :**+1(703) 527 - 3887

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Classification	Wt.%
Carbamide Peroxide	000124-43-6	204-701-4	Xi; R36	20
Hydrogen Peroxide	7722-84-1	231-765-0	Xi; R41	< 10
Sodium Fluoride	007681-49-4	231-667-8	T, Xi; R25, R32, R36/38	1.1
Sodium Hydroxide	1310-73-2	215-185-5	C; R34	< 5
Xylitol	87-99-0	201-788-0	R36/37/38	< 10
Glycerine	56-81-5	200-289-5	R36/38	< 30

( Full text of R-Phrases can be found under heading 16 )

### 3. HAZARDS IDENTIFICATION

**HAZARD DESIGNATION**

"Xi" - Irritant  
R36/38: Irritating to eyes and skin.  
"T" - Toxic  
R25: Toxic if swallowed.

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Gel

**POTENTIAL HEALTH EFFECTS**

**EYES:** Irritating to eyes.  
**SKIN:** May cause skin irritation.  
**INGESTION:** Toxic if swallowed.  
**INHALATION:** None Expected.

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

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**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** If swallowed, rinse mouth with water. Do NOT Induce Vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**INHALATION:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

### 5. FIRE FIGHTING MEASURES

**FIRE FIGHTING PROCEDURES:** General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.

**FIRE FIGHTING EQUIPMENT:** Water spray only.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Wipe up with cloth, soap and water.

**LARGE SPILL:** Absorb with inert, damp non-combustible material, then flush area with water.

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Do not allow to enter sewers or drains that may lead to waterways.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Avoid contact with eyes, skin and clothing.

**HANDLING:** Use suitable protective equipment.

**STORAGE:** Keep refrigerated.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear eye protection

**SKIN:** S36/37: Wear suitable protective clothing and gloves.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Gel

**ODOR:** Mint

**COLOR:** Colorless

**pH:** 5.6 to 7.2

**SOLUBILITY IN WATER:** Partially Soluble

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable when stored and handled under recommended conditions.

**POLYMERIZATION:** Not Applicable

**CONDITIONS TO AVOID:** Avoid strong bases, Metals. Excess heat, exposure to moist air or water.

**INCOMPATIBLE MATERIALS:** Strong caustics, most metals.

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### 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Irritating to eyes.

**SKIN EFFECTS:** May cause skin irritation.

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not Available

**ECOTOXICOLOGICAL INFORMATION:** Not yet Determined

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in compliance with governmental and local regulations.

### 14. TRANSPORT INFORMATION

#### ROAD AND RAIL (ADR/RID)

**LABEL:** Not classified

#### AIR (ICAO/IATA)

**LABEL:** Not classified

#### VESSEL (IMO/IMDG)

**LABEL:** Not classified

### 15. REGULATORY INFORMATION

#### EUROPEAN COMMUNITY

##### EEC LABEL SYMBOL AND CLASSIFICATION



"Xi" - Irritant  
R36/38: Irritating to eyes and skin.



"T" - Toxic  
R25: Toxic if swallowed.

### 16. OTHER INFORMATION

**RELEVANT R-PHRASES:** R36: Irritating to eyes.

R41: Risk of serious damage to eyes.

R25: Toxic if swallowed.

R32: Contact with acids liberates very toxic gas.

R36/38: Irritating to eyes and skin.

R34: Causes burns.

R36/37/38: Irritating to eyes, respiratory system and skin.

**PREPARED BY:** Susan Scott

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**REVISION SUMMARY:** This MSDS replaces the 10/04/2007 MSDS. Revised: **Section 1:** PREPARED BY, PRODUCT CODE/ PART #. **Section 2:** POTENTIAL HEALTH EFFECTS ( INHALATION, INGESTION ). **Section 4:** EYES, INGESTION, INHALATION. **Section 5:** FIRE FIGHTING EQUIPMENT. **Section 6:** SMALL SPILL, WATER SPILL. **Section 7:** GENERAL PROCEDURES, HANDLING. **Section 9:** COLOR, pH, SOLUBILITY IN WATER. **Section 10:** CONDITIONS TO AVOID, INCOMPATIBLE MATERIALS. **Section 11:** EYE EFFECTS, SKIN EFFECTS. **Section 12:** ECOTOXICOLOGICAL INFORMATION, ENVIRONMENTAL DATA. **Section 13:** DISPOSAL METHOD.

**MANUFACTURER DISCLAIMER:** FOR DENTAL USE ONLY: Use as directed. The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, the manufacturer, makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.